



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

1258-1400

Date of Issuance:

1/16/20

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

IWC 6110-5

Name and Address of Registrant (include ZIP Code):

Arch Chemicals
1200 Bluegrass Lakes Parkway
Alpharetta, GA 30004

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Kathryn Montague, Acting Product Manager 33
Regulatory Management Branch 1
Antimicrobials Division (7510P)
Office of Pesticide Programs

Date:

1/16/20

2. You are required to comply with the data requirements described in the DCI identified below:

- a. 5-chloro-2-methyl-4-isothiazolin-3-one GDCI-107103-1709
- b. 2-methyl-4-isothiazolin-30-one GDCI-107104-1479

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. Make the following label changes before you release the product for shipment:

- Revise the EPA Registration Number to read, “EPA Reg. No. 1258-1400.”

4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 12/11/2019

If you have any questions, you may contact Aline Heffernan at 703-347-8602 or via email at Heffernan.Aline@epa.gov.

IWC 6110-5

INDUSTRIAL MICROBICIDE FOR USE IN RECIRCULATING WATER COOLING TOWERS, WOOD, MOLD AND MILDEW CONTROL, PULP AND PAPER MILLS, OIL FIELD INJECTION WATERS AND AIR WASHER SYSTEMS

Active Ingredients:

5-chloro-2-methyl-4-isothiazolin-3-one.....	3.69%
2-methyl-4-isothiazolin-3-one	1.31%
Other Ingredients	95.00%
	100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

[Danger, skull and crossbones, poison to be printed in red.]



POISON



ACCEPTED

01/16/2020

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 1258-1400

[Note to Reviewer. The signal word for this product is "DANGER". The following components of this master label, at a minimum, will appear on the front panel of all distribution labels. If the distribution label has a single panel and multiple columns, these components will appear in the center column or in an immediately adjacent column: Product Brand Name, Ingredient Statement, Signal Word, Child Hazard Warning, First Aid Statement, Company Name and Address, EPA Registration Number, EPA Establishment Number.]

FIRST AID

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferable by mouth-to-mouth if possible.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

NOTE TO PHYSICIAN:

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA Reg. No. 1258-RUNN

EPA Est. No. XXXXX-XX-X

Net Contents:

[Country of origin (insert country)]

[Manufactured in (insert country)]

[Barcode]

MANUFACTURED FOR:
ARCH CHEMICALS, INC.
1200 Bluegrass Lakes Parkway
Alpharetta, GA 30004

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

CORROSIVE. Causes irreversible eye damage and skin burns. Fatal if absorbed through skin. Prolonged or frequently repeated skin contact may cause skin sensitization reactions in some people. May be fatal if swallowed. Harmful if inhaled. Do not get in eyes, on skin, or on clothing. Avoid breathing vapor. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders and others exposed to methylothiazolinone products must wear:

- protective eyewear
- chemical-resistant gloves
- long-sleeve shirt and long pants
- chemical-resistant apron
- shoes plus socks

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY REQUIREMENTS

Users must:

- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly.

ENVIRONMENTAL HAZARDS

This chemical is toxic to terrestrial and aquatic plants, fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons.

IWC 6110-5 aids in the control of bacterial, fungal and algal slimes in industrial recirculating cooling water systems, oil field injection waters, air washer systems, wood and wood products, and pulp and paper mills.

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS

To control bacteria, fungi and algae add IWC 6110-5 to the tower basin, distribution box or other point that ensures uniform mixing. The frequency of feeding and duration of the treatment will depend upon the severity of the problem. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

INITIAL DOSE: When the system is noticeably fouled, treat with 45 to 260 ppm of IWC 6110-5 (2.25 to 13 ppm active), by adding 0.38 to 2.2 pounds or 5.4 to 31 fluid ounces of IWC 6110-5 for every 1,000 gallons of system water. Repeat as often as necessary until microbial control is achieved.

SUBSEQUENT DOSE: When microbial control is evident, treat with 10 to 70 ppm of IWC 6110-5 (0.5 to 3.5 ppm active), by adding 0.08 to 0.58 pounds or 1.1 to 8.3 fluid ounces of IWC 6110-5 for every 1,000 gallons of system water. Repeat dosage 2 to 3 times per week, or as frequently as needed to maintain biocontrol.

AIR WASHER SYSTEMS

Add IWC 6110-5 to the air washer or chill water sump to ensure uniform mixing. Use only in industrial air washer systems that maintain effective mist eliminating components. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

INITIAL DOSE: When the system is noticeably fouled, treat with 45 to 260 ppm of IWC 6110-5 (2.25 to 13 ppm active), by adding 0.38 to 2.2 pounds or 5.4 to 31 fluid ounces of IWC 6110-5 for every 1,000 gallons of system water. Repeat as often as necessary until microbial control is achieved.

SUBSEQUENT INTERMITTENT OR SLUG DOSE: When microbial control is evident, treat with 10 to 70 ppm IWC 6110-5 (0.5 to 3.5 ppm active), by adding 0.08 to 0.58 pounds or 1.1 to 8.3 fluid ounces of IWC 6110-5 for every 1,000 gallons of system water. Repeat dosage weekly, or as frequently as needed to maintain biocontrol.

SUBSEQUENT CONTINUOUS FEED DOSE: When microbial control is evident, treat with 10 to 70 ppm of IWC 6110-5 (0.5 to 3.5 ppm active), by adding continuously 0.08 to 0.58 pounds or 1.1 to 8.3 fluid ounces of IWC 6110-5 for every 1,000 gallons of system makeup water.

WOOD AND WOOD PRODUCTS

IWC 6110-5 is used for the protection of wood and wood products such as landscape timbers, fences, posts, terrestrial-use pilings, cross ties, decks, and similar exterior structures from mold and mildew. As a pressure treatment for mold and mildew control for southern yellow pine hemlock, ponderosa pine and other soft woods, treat with 80 to 252 ppm of IWC 6110-5 (4.0 to 12.6 ppm active), by adding 0.7 to 2.1 pounds or 10 to 30 fluid ounces of IWC 6110-5 for every 1,000 gallons. Thoroughly wet and allow to dry. A single application will provide protection for 12 weeks.

PULP AND PAPER MILLS

Add IWC 6110-5 to a point in the system (such as the Beater, Hydropulper, or Fan or Broke storage pumps) that ensures uniform mixing. BADLY FOULED SYSTEMS must be cleaned before treatment is begun.

DOSAGE: Add 0.13 to 0.45 pounds of IWC 6110-5 per ton (dry basis) of pulp or paper produced as a slug dose. Repeat as often as necessary.

IWC 6110-5 weighs 8.95 pounds per gallon.

OIL FIELD INJECTION WATERS

IWC 6110-5 controls slime-forming and sulfate-reducing bacteria in oil and gas field water systems, including enhanced recovery injection, drilling, fracturing and completion fluids. This product may be used for terrestrial and off-shore oil drilling muds and packer fluids.

INITIAL DOSE: When the system is noticeably fouled, treat with 45 to 260 ppm of IWC 6110-5 (2.25 to 13 ppm active), by adding 16 to 91 pounds or 1.8 to 10 gallons of IWC 6110-5 for every 1,000 barrels of system water. Repeat slug dosage every three days, or as frequently as needed to achieve microbial control.

SUBSEQUENT DOSE: When microbial control is evident, treat with 10 to 70 ppm of IWC 6110-5 (0.5 to 3.5 ppm active), by adding 3.5 to 25 pounds or 0.4 to 2.7 gallons of IWC 6110-5 for every 1,000 barrels of system water. Repeat slug dosage every seven days, or as frequently as needed to maintain control.

(Note to reviewer: For Nonrefillable Containers for -Ready-To-Use Product over 5 gallons – no container rinsing directions, not a dilutable per PRN 2007-4)

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage:

Open dumping is prohibited. Store in original container in areas inaccessible to children.

Pesticide Disposal:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal:

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Wrap [container] and put in trash or offer for recycling if available.

(or)

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Wrap [container] and put in trash or offer for reconditioning if appropriate.

(Metal Containers:) Triple rinse (or equivalent) as follows:

For containers ≤ 5 gallons: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

For containers ≥ 5 gallons: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. DO NOT weld metal containers.

(Plastic Containers:) Triple rinse (or equivalent) as follows:

For containers ≤ 5 gallons: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

For containers ≥ 5 gallons: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.